

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011424.D
 Acq On : 11 Aug 2019 12:22
 Operator : JC/SP
 Sample : VX0811WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:30:29 AM

Quant Time: Aug 12 08:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104496	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	
35) Dibromofluoromethane	5.49	113	92916	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	8.71	98	332853	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	121639	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25717	18.372	ug/l	100
3) Chloromethane	1.32	50	28423	18.082	ug/l	99
4) Vinyl Chloride	1.40	62	29758	17.210	ug/l	100
5) Bromomethane	1.63	94	22744	18.443	ug/l	98
6) Chloroethane	1.71	64	19739	16.695	ug/l	93
7) Trichlorofluoromethane	1.92	101	55736	18.129	ug/l	96
8) Diethyl Ether	2.18	74	20123	18.330	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32326	19.432	ug/l	97
10) Methyl Iodide	2.50	142	33471	15.959	ug/l	98
11) Tert butyl alcohol	3.04	59	44522	122.339	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30121	18.266	ug/l	90
13) Acrolein	2.29	56	9935	43.576	ug/l	91
14) Allyl chloride	2.72	41	46081	20.962	ug/l	97
15) Acrylonitrile	3.14	53	89529	103.082	ug/l	97
16) Acetone	2.43	43	85248	98.126	ug/l	97
17) Carbon Disulfide	2.56	76	67380	17.412	ug/l	98
18) Methyl Acetate	2.76	43	41555	20.931	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	101556	20.898	ug/l	100
20) Methylene Chloride	2.85	84	35564	18.692	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	32753	18.777	ug/l	96
22) Diisopropyl ether	3.85	45	99137	20.519	ug/l	99
23) Vinyl Acetate	3.81	43	425367	106.147	ug/l	99
24) 1,1-Dichloroethane	3.69	63	58195	20.426	ug/l	97
25) 2-Butanone	4.67	43	124825	101.007	ug/l	97
26) 2,2-Dichloropropane	4.58	77	47900	21.628	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	39038	19.430	ug/l	94
28) Bromochloromethane	5.01	49	28368	21.841	ug/l	94
29) Tetrahydrofuran	5.12	42	76495	100.952	ug/l	99
30) Chloroform	5.20	83	63572	20.531	ug/l	99
31) Cyclohexane	5.57	56	44685	19.011	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	55556	20.944	ug/l	99
36) 1,1-Dichloropropene	5.79	75	44029	18.647	ug/l	98
37) Ethyl Acetate	4.82	43	45275	19.116	ug/l	99
38) Carbon Tetrachloride	5.78	117	48788	20.537	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49201	17.579	ug/l	99
40) Benzene	6.14	78	133916	19.006	ug/l	97
41) Methacrylonitrile	5.04	41	25899	20.022	ug/l	97
42) 1,2-Dichloroethane	6.18	62	49818	20.909	ug/l	98
43) Isopropyl Acetate	6.44	43	75348	19.898	ug/l	99
44) Trichloroethene	7.21	130	38432	18.020	ug/l	93
45) 1,2-Dichloropropane	7.51	63	34610	18.966	ug/l	94
46) Dibromomethane	7.66	93	25633	19.242	ug/l	96
47) Bromodichloromethane	7.89	83	45888	20.346	ug/l	99
48) Methyl methacrylate	7.76	41	36966	20.743	ug/l	97
49) 1,4-Dioxane	7.74	88	18795	363.797	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	252097	103.159	ug/l	99
52) Toluene	8.78	92	88705	19.041	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	48800	20.363	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	52914	20.084	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	37775	19.721	ug/l	98
56) Ethyl methacrylate	9.18	69	56082	20.546	ug/l	99
57) 1,3-Dichloropropane	9.37	76	59045	19.492	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	136465	101.679	ug/l	99
59) 2-Hexanone	9.49	43	193524	102.239	ug/l	99
60) Dibromochloromethane	9.58	129	39556	20.171	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39752	19.209	ug/l	99
64) Tetrachloroethene	9.34	164	36487	17.419	ug/l	95
65) Chlorobenzene	10.13	112	100344	18.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	37723	20.835	ug/l	98
67) Ethyl Benzene	10.25	91	172202	19.442	ug/l	100
68) m/p-Xylenes	10.35	106	132901	38.793	ug/l	97
69) o-Xylene	10.69	106	64381	19.127	ug/l	97
70) Styrene	10.71	104	109986	19.747	ug/l	98
71) Bromoform	10.85	173	28227	19.283	ug/l #	97
73) Isopropylbenzene	11.02	105	177039	20.007	ug/l	99
74) N-amyl acetate	10.90	43	68586	21.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60049	20.363	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49855m	21.159	ug/l	
77) Bromobenzene	11.25	156	48100	19.603	ug/l	96
78) n-propylbenzene	11.36	91	193727	19.687	ug/l	99
79) 2-Chlorotoluene	11.41	91	117260	19.992	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147121	19.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15917	20.933	ug/l	93
82) 4-Chlorotoluene	11.51	91	135373	19.804	ug/l	98
83) tert-Butylbenzene	11.77	119	146837	20.211	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	148007	20.069	ug/l	99
85) sec-Butylbenzene	11.94	105	171778	19.680	ug/l	100
86) p-Isopropyltoluene	12.06	119	156414	19.479	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82219	18.964	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83345	18.643	ug/l	97
89) n-Butylbenzene	12.38	91	131583	19.020	ug/l	99
90) Hexachloroethane	12.59	117	23883	20.117	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	84607	19.422	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12633	22.112	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54861	18.990	ug/l	99
94) Hexachlorobutadiene	13.78	225	27840	18.994	ug/l	99
95) Naphthalene	13.83	128	165676	19.610	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56161	19.122	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

